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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/029,251	12/28/2001	Manolito E. Adan	003797.00207	6178

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EXAMINER

ABDULSELAM, ABBAS I

ART UNIT	PAPER NUMBER
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2674

DATE MAILED: 02/26/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/029,251

Applicant(s)

ADAN ET AL.

Examiner

Abbas I Abdulsalam

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-35 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (USPN 6191758) in view of Armga et al. (USPN. 6390371).

Regarding claims 1, 17, and 32, Sang-jin Lee teaches a computer with the main display (10) and an auxiliary display (12). Sang-jin Lee teaches that main application programs are to be displayed on the main display device and auxiliary application programs are displayed on auxiliary display device. See column 4, lines column 4, lines 32-53 and Fig 1. Sang-jin Lee teaches the main display controller (216) and the auxiliary display controller (218), each determining the execution result of the application program to its respective display device. See column 5, lines 44-55, Fig 3 and Fig 4. Sang-jin Lee also teaches a computer system having an external RS232C interface device for communication purpose. See Fig 2. Furthermore, Sang-jin Lee teaches the auxiliary display device, its method and application execution with respect to the ennoblement of the auxiliary memory. However, Lee does not teach a remote peripheral device communicating with the host computer and is used with multiple users. Armga on the other hand teaches the use of remote peripheral device in conjunction with the DG system that would enable to display selected information on the remote auxiliary display. Armga teaches that the DG

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system receives information from an application program that can specify whether to use the primary display device (124) or auxiliary display device in a desired fashion. See col. 6, lines 1-32.

Therefore it would have been obvious to one skilled in the art to modify Sang-jin Lee's computer system to include Armga's remote peripheral device. One would have been motivated in view of the suggestion in Armga that the remote peripheral device as used in the DG system is equivalent to the desired remote peripheral device as used with the host computer. The use of remote peripheral device helps function display system with various computer data input devices as taught by Armga et al.

Regarding claims 8-9, 16, 24-28, 30-31, Armga teaches a system for displaying information on a variety of display devices by using several different application programs. See Fig 2.

Regarding claims 18-19, Armga teaches the use of remote peripheral device. See col. 6, lines 23-32.

Regarding claims 2, 4-6, 10-14, 21-23 and 33-34, S. Lee teaches an auxiliary display controller (218) for controlling the auxiliary display device (24). Column 5, lines 24-28.

Regarding claims 3, 7, 15, 29, 35, S. Lee teaches executing application program (S40) followed by determination of selection information of a display device (S42). Fig 4.

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Conclusion

2. The prior art made of record and not relied upon is considered to applicant's disclosure.

The following arts are cited for further reference.

U.S. pat. No. 6,512,529 to Janssen et al.

U.S. Pat. No. 6,438,282 to Takeda et al.

U.S. Pat. No. 6,431,716 to Kusakabe

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to **Abbas Abdulsalam** whose telephone number is **(703) 305-8591**. The examiner can normally be reached on Monday through Friday (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard Hjerpe**, can be reached at **(703) 305-4709**.

Any response to this action should be mailed to:

Commissioner of patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314

Hand delivered responses should be brought to Crystal Park II, Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology center 2600 customer Service office whose telephone number is (703) 306-0377.

Abbas Abdulsalam

Examiner

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A handwritten signature in black ink, appearing to read 'Richard Hjerpe', is positioned above the printed name.

RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600